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PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/624,022
	Filing Date	July 21, 2003
	First Named Inventor	Hector L. Casal et al.
	Art Unit	1743
	Examiner Name	Brian J. Sines
Total Number of Pages in This Submission	Attorney Docket Number	BP9493-02

**ENCLOSURES (Check all that apply)**

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below): IDS Statement, IDS coversheet, 1449 form, fee sheet, return receipt post card
<div>Remarks</div>		

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm Name	Innovene, Inc.		
Signature	<i>David P. Yusko</i>		
Printed name	David P. Yusko		
Date	<del>January 24, 2006</del> FEBRUARY 6, 2006	Reg. No.	30,817



Application No. 10/624,022  
Filing Date: July 21, 2003  
Customer No. 54,812

Attorney Docket No.: BP9493-02  
Examiner: Brian J. Sines  
Group Art Unit: 1743

Title: Apparatus and Process for Monitor and Control of An Ammoxidation Reactor  
With a Fourier Transform Infrared Spectrometer

## Certificate of Mailing Under 37 CFR 1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service with as sufficient postage as first class mail in an envelope addressed to Commissioner for patents, P.O. Box 1450, Alexandria, VA 22313-1450 on January 24, 2006

Mailing address Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

on January 24, 2006 2/6/06  
Date

Gloria O'Bannon  
Signature

Gloria O'Bannon

Typed or printed name of person signing Certificate

Registration Number, if applicable

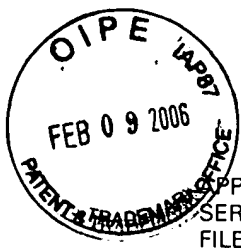
312 873-8794  
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Transmittal  
IDS Coversheet (1 page)  
Fee sheet  
Information Disclosure Statement  
PTO/SB/08A form  
Return Receipt Post Card

Application No. 10/624,022

Attorney Docket No.: BP9493-02



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Hector L. Casal et al.  
SERIAL NO: 10/624,022  
FILED: July 21, 2003  
INVENTION: "Apparatus and Process for Monitor and Control of An Ammoxidation Reactor With a Fourier Transform Infrared Spectrometer"

DOCKET NO.: BP9493-02  
GROUP ART UNIT: 1743  
EXAMINER: Brian J. Sines

**INFORMATION DISCLOSURE STATEMENT TRANSMITTAL LETTER**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

S I R:

Submitted herewith is an Information Disclosure Statement for consideration in the above-identified application. This Information Disclosure Statement is submitted:

- ☐ Within three months (1) of filing date of a national application; (2) of date of entry of the national stage as set forth in 37 C.F.R. §1.491 in an international application; or (3) before the mailing date of a first Office Action on the merits, whichever occurs last. (No fee is required.)
- ☒ After the mailing date of a first Office Action but before (1) mailing of a final action under 37 C.F.R. §1.113; or (2) mailing of a notice of allowance under §1.311, whichever occurs first.
  - ☒ Payment of the fee set forth in 37 C.F.R. §1.17(p) accompanies this submission; or
  - ☐ The certification specified in 37 C.F.R. §1.97(e) is made below. (No fee is required.)
- ☐ After the mailing of (1) a final action under 37 C.F.R. §1.113; or (2) notice of allowance under 37 C.F.R. §1.311 whichever occurs first, but before payment of the issue fee. The statement specified in 37 C.F.R. §1.97(e) is made below. The Commissioner hereby is petitioned to consider the Information Disclosure Statement accompanying this submission. Payment for the Petition fee set forth in 37 C.F.R. §1.17(i)(1) accompanies this submission.
- ☐ The undersigned counsel for applicant(s) hereby states each item of information identified in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.
- ☐ The undersigned counsel for applicant(s) hereby states that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and to the knowledge of the undersigned, after making reasonable inquiry, was known to any individual designated in 37 C.F.R. §1.56(c) more than three months prior to the filing of the statement.
- ☐ A check in the amount of \$\_\_\_\_\_ to cover any required fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Account No. 50-3573. *A duplicate copy of this sheet is enclosed for this purpose.*

Very respectfully,

BP America Inc.

  
David P. Yusko (Reg. No. 30,817)

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 ~~January 24, 2006~~

2/6/06

  
Gloria J. O'Bannon



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	)		
Hector L. Casal et al.	)	Attorney Docket:	BP9493-02
	)		
Serial No.: 10/624,022	)	Group Art:	1743
	)		
Filed: July 21, 2003	)	Examiner:	Brian J. Sines
	)		
Title: Apparatus and Process for	)	Conf. No.:	5093
Monitor And Control of An	)		
Amoxidation Reactor with a	)		
Fourier Transform Infrared	)		
Spectrometer	)		

INFORMATION DISCLOSURE STATEMENT  
UNDER 37 C.F.R. §§1.97 and 1.98

Commissioner for Patents  
P.O. Box 1450  
Washington, D.C. 22313-1450

Sir:

CERTIFICATE OF MAILING 37 C.F.R. 1.8	
I hereby certify that this correspondence is being deposited with the U.S. Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Washington, D.C. 22313-1450 on the date indicated below:	
2/6/06	Gloria O'Bannon
Date	Signature

Pursuant to 37 C.F.R. 1.97 and 1.98, Applicants submit the published documents identified in the enclosed form PTO 1449 for consideration by the Patent and Trademark Office in the examination of the above-identified patent application. We have not attached any U.S. Patent references in accordance with the USPTO ruling.

In accordance with 37 C.F.R. §§ 1.97(g), (h), this Information Disclosure Statement is not to be construed as a representation that a search has been made, and is not to be construed to be an admission that the information disclosed is, or is considered to be prior art with respect to the present application or material to patentability as defined in 37 C.F.R. §§ 1.56. Further, the submission of the references is not to be taken as a concession that any reference represents art that is relevant to analogous to the claimed invention. Accordingly, the right to

argue that any reference is not properly within the scope of prior art relevant to an examination of the claims in the above-identified application is also expressly reserved.

This Information Disclosure Statement is submitted after the mailing date of a first Office Action but before (1) mailing of a final action under 37 C.F.R. §1.113; or (2) mailing of a notice of allowance. Payment of the fee set forth in 37 C.F.R. §1.17(p) accompanies this submission. If payment is insufficient the Commissioner is hereby authorized to charge any additional fees which may be required (except payment of the issue fee), or credit any overpayment to Deposit Account No. 50,3573.

Respectfully submitted,

Date: 2/6/06

David P. Yusko  
David P. Yusko  
Reg. No. 30,817  
Innovene USA

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PTO/SB/17 (12-04v2)  
Approved for use through 7/31/2006. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
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<b>Effective on 12/08/2004.</b> <b>Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).</b> <b>FEE TRANSMITTAL</b> <b>For FY 2005</b>		<b>Complete if Known</b>	
		Application Number	10/624,022
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Filing Date	July 21, 2003
<b>TOTAL AMOUNT OF PAYMENT</b> (\$) 180.00		First Named Inventor	Hector L. Casal et al.
		Examiner Name	Brian J. Sines
		Art Unit	1743
		Attorney Docket No.	BP9493-02

**METHOD OF PAYMENT** (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_

☒ Deposit Account Deposit Account Number: **50-3573** Deposit Account Name: **Innovene USA**

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, **except for the filing fee**

☒ Charge any additional fee(s) or underpayment of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

**FEE CALCULATION**

**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

**2. EXCESS CLAIM FEES**

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180

**Total Claims** \_\_\_\_\_ **Extra Claims** \_\_\_\_\_ **Fee (\$)** \_\_\_\_\_ **Fee Paid (\$)** \_\_\_\_\_

\_\_\_\_\_ - 20 = \_\_\_\_\_ x \_\_\_\_\_ = \_\_\_\_\_

**Multiple Dependent Claims**

**Fee (\$)** \_\_\_\_\_ **Fee Paid (\$)** \_\_\_\_\_

**Indep. Claims** \_\_\_\_\_ **Extra Claims** \_\_\_\_\_ **Fee (\$)** \_\_\_\_\_ **Fee Paid (\$)** \_\_\_\_\_

\_\_\_\_\_ - 3 = \_\_\_\_\_ x \_\_\_\_\_ = \_\_\_\_\_

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

**Total Sheets** \_\_\_\_\_ **Extra Sheets** \_\_\_\_\_ **Number of each additional 50 or fraction thereof** \_\_\_\_\_ **Fee (\$)** \_\_\_\_\_ **Fee Paid (\$)** \_\_\_\_\_

\_\_\_\_\_ - 100 = \_\_\_\_\_ / 50 \_\_\_\_\_ (round up to a whole number) x \_\_\_\_\_ = \_\_\_\_\_

**4. OTHER FEE(S)**

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): \_\_\_\_\_ **Filing Information Disclosure Statement** 180.00

**Fees Paid (\$)**

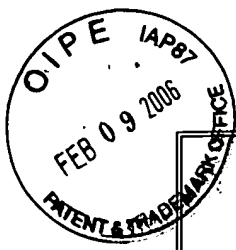
**SUBMITTED BY**

David P. Yusko

Signature	<i>David P. Yusko</i>	Registration No. (Attorney/Agent)	30,817	Telephone	312 873-8793
Name (Print/Type)	David P. Yusko	Date	January 24, 2006 <i>2/6/06</i>		

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as First Class Mail with sufficient postage, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: ~~January 24, 2006~~ *2/6/06* Signature: *Gloria O'Bannon* (Gloria O'Bannon)



<b>37 CFR 1.501</b> <b>INFORMATION DISCLOSURE STATEMENT</b> <b>IN A PATENT</b> (use several sheets if necessary)				Docket No. BP9493-02		Serial No. 10/624,022			
				Applicant Casal et al..					
				Filing date: 07/21/03		Group Art Unit 1743			
<b>U.S. PATENT DOCUMENTS</b>									
Examiner's Initials		Document Number	Date	Name	Class	Subclass	Filing Date If appropriate		
	AA	US 3,642,930	02/15/72	Grasselli					
	AB	US 3,961,896	06/08/76	Dunn					
	AC	US 4,488,239	12/11/84	Agarwall					
	AD	US 4,491,924	01/01/85	Agarwall					
	AE	US 4,543,245	09/24/85	Peterman et al.					
	AF	US 4,600,541	07/15/86	Aoki et al.					
	AG	US 4,633,083	12/30/86	Knorr et al.					
	AH	US 4,749,469	06/07/88	Beerbaum					
	AI	US 4,870,201	09/26/89	Ramachandran et al.					
	AJ	US 5,380,485	01/10/95	Takahashi et al.					
	AK	US 5,403,552	04/04/95	Pardikes					
	AL	US 5,407,830	04/18/95	Altman et al.					
	AM	US 5,447,692	09/05/95	Keenan et al.					
	AN	US 5,449,193	03/12/96	Sugawara et al.					
	AO	US 5,538,643	07/23/96	Kallos et al.					
	AP	US 5,671,153	09/23/97	Brinkmeyer et al					
	AQ	US 5,756,802	05/26/98	Li et al.					
	AR	US 5,879,629	03/09/99	Capuano et al.					
	AS	US 6,122,557	09/19/2000	Harrell et al.					
	AT	US 6,284,196	09/04/2001	Casal et al.					
	AU	US 6,296,739	10/02/2001	Godbole					
	AV	US 6,607,447	08/19/2003	Casal et al.					
	AW	US 5,393,833	02/28/95	Khouri et al.					
	AX								
<b>FOREIGN PATENT DOCUMENTS</b>									
		Document Number	Date	Country	Patentee or Applicant	Class	Sub- Class	Translation	
								Yes	No
<b>OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)</b>									
Examiner				Date Considered					
<b>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</b>									